** ALASKA. HAARP is very busy now. Amanda Dawn Christie has a new art project, Ghosts in the Air Glow, explained here:
https://ghostsintheairglow.space/transmission/october-2022

``Ghosts in the Air Glow: is a transmission art project working with the HAARP Ionospheric Research Instrument to mix audio and images at the liminal boundaries of earth’s atmosphere and outer space. Composition No. 2 is a half hour transmission artwork that will be transmitted four times from the HAARP Ionospheric Research Instrument during the October 2022 research campaign. Air glow and Luxembourg experiments will be paired with the AM modulation of Narrow Band Television (NBTV) video art, spoken word, and sound art created by Amanda Dawn Christie``

I monitor the first one for 0600-0630 UT Oct 23, mainly via:
https://ghostsintheairglow.space/
These two YT streams depend on someone else`s tuning on the ground at Gakona, not necessarily coinciding with exactly what is transmitted.

Here`s how I attempted to log those; first, the one on the left:
0600 4850, 0604 4850 off, change to 3300; 0612 back to 4850; 0615 to 5400; 0617 4850; 0618 off, to 5400; 0622 off, to 4800 vs CODAR, error?
0623 to 4774.098 tuning around; 0624 on 5400, 0628 off, to 4850, 0629.7* all off.

The right one: 0600 5400, 0606 9500, 0612 4850, 0615 4800, 0617 4850, 0627 4845?, 0628 4850.

Those do not match exactly the tentative frequencies on the page:
4.85, 5.84, 9.5, 3.3 MHz.

9500, Oct 23 at 0608 is the only frequency I hear direct, carrier at quick check. Nothing audible on the lower ones.

As for the content: audio: mostly noise, but musical intervals, including singing, presumably ADC herself. Nothing recognizable until the final tune I was trying to place. Eric Fetters-Walp in WA does:
``To my ears, that final tune at 0628 UTC sounded very much like a version of "Hush Little Baby (Mama's Gonna Buy You a Mockingbird."``

The right one only has a visual display of rapidly changing blocks at various scales of gray, which seems to be continuous regardless of frequency changes. I guess this is the ``art``, but certainly conveys no information, to me.

Further airings are Oct 24 at 0600-0630; 25 & 26 at 1630-1700 UT.
However, some of the times during the latter are outside, typos??

HAARP website showed 0530-0600 for the first one, obviously wrong, as there was also a countdown clock leading to 06:00:00.

You would not know it from ADC`s publicity, but this is only one part of extensive HAARP experiments now underway:
https://www.gi.alaska.edu/news/haarp-begin-largest-set-experiments-its-new-observatory

That page has no details of times and frequencies. A more explicit press release has appeared in the WOR iog and also here:
http://www.arrl.org/files/file/News/ARRL%20Letter/2022-10-20/HAARP%20Transmission%20Schedule%20October%202022.pdf
Without specialized scientific equipment, we cannot make anything out of the results, so look forward to official explanations.

One frequency listed for 22-24 UT Oct 22 was 9600, but I heard nothing at 2315/2330 into KFS remotes. Walt Salmaniw, BC, did hear something there later. Tnx to Richard Langley for alerting us about ADC`s opus (Glenn Hauser, OK, WOR)

** ANTARCTICA. 15475.98 RC USB, Thursday Oct 20 at *1430 LRA36 cuts on during song exactly as scheduled for special station anniversary broadcast; good into Argentine remote. 1433 lyric during song sounds like ``voy a buscar una señal``, or am I imagining? 1434.5 cut to standard sign-on procedure; 1436 theme song; 1440 recitation this time mentioning 43rd anniversary, ``una historia con futuro``; 1441.5 music; 1446 ID ``su cía``, and into live chat among YLs, even more excited than usual, for the 27th program of the season; 1448 mention Adrián Korol, head of RAE; 1453 geo coords of base; clima: +1 C, winds of 32 or 55 kph? sunset around 20 local; 1456.5 phone and other contact info; recorded voices with greetings, seem to be mostly officials rather than listeners, but first one never identified; 1502 frequencies as 15476 and ``97.6`` -- even she can mix up the digits instead of 96.7. 1503 we hear Korol; 1507 song; 1510 historia: from 1978 first radio was on met frequencies; Sept 1979 an icebreaker from Bs. As. brought broadcast equipment to base; antenna up and first on air Oct. 20; ID recording mentioning original frequency 6030; then a long phone conversation with Juan Carlos ---, the first announcer as he fondly recollects; still going enthusiastically at 1525 until 1530, then the first song they played in 1979, a milonga; 1535 more chat, but 1537* cut off amid talk and never to return, altho planned to run until 1630. This is how it often happens even on ordinary days. Wonder if this will repeat Saturday or of Wednesday`s (Glenn Hauser, OK, WOR)

** ANTARCTICA. 15475.98 RC USB, Oct 22 from 1445 past 1600, NO show of LRA36 this Saturday into Argentine SDR; guess they had enough this week on Wed and special Thu even tho truncated (Glenn Hauser, OK,

WOR)

** ANTARCTICA. 15475.98 RC USB, Oct 26 at 1433-1543, never any signal this Wednesday from LRA36 into Argentine SDR (Glenn Hauser, OK, WOR)

** ARGENTINA [non]. See USA: WRMI: 7570

** CANADA. 300 MCW kHz, Oct 26 at 0626 UT, dash and YIV, 500 watt NDB at Island Lake, Manitoba. Last logged last year, Dec 26 and 8. It`s in NE Manitoba, beyond coverage of my Rand McNally road atlas. Reader`s Digest Great World Atlas has it: near the Ontario border at the southern end of the NE/SW boundary. Viz.:
https://en.wikipedia.org/wiki/Island_Lake,_Manitoba
YIV is the only N American on 300 per dxinfocentre.com
(Glenn Hauser, OK, WOR)

** CHINA [and non]. 13530 & 13020, Oct 21 at 2346, JBA Chinese with heavy flutter, i.e. CNR1 jammers of SOH. 13129.9 also JBA and not fluttery: maybe this one is really Sound of Hope (Glenn Hauser, OK, WOR)

** CUBA. 5025 & 5040, Oct 20 at 0615, Rebelde and RHC are off; on 6 MHz band: only RHC English 6060 undermodulated, and 6165 just barely modulated. Something`s always wrong at RadioCuba/RHC. The Other Side:

``Policy --- Is Cuba a failed state or not? DIARIO DE CUBA spoke to three experts on the categorization that the regime does not want to acknowledge, as it would mean accepting that a historical process has failed. --- José Luis Reyes, La Habana 17 Oct 2022 - 16:26 CEST
Cubans in line in Havana. DIARIO DE CUBA [caption]

In the wake of the disaster wrought by Hurricane Ian in western Cuba, the first secretary of the Communist Party in Havana, Luis Antonio Torres Iríbar, gave a speech in which he sought to refute the growing perception on social media and outside the country that the regime on the island is a "failed state."``...
https://diariodecuba.com/cuba/1666016797_42899.html
(Glenn Hauser, OK, WOR)

** CUBA. 5025, Oct 21 at 2344, R. Rebelde still off, but no trace of Quillabamba. 5040 also off lacking RHC. Something`s always wrong at RadioCuba (Glenn Hauser, OK, WOR)

** CUBA. 5025, 5040, 6000, 6165, Oct 22 at 0612, all these Rebelde/RHC are OFF, while English remains on 6060 JBM and sufficient 6100. Something`s always wrong at RadioCuba/RHC (Glenn Hauser, OK, WOR)

** CUBA. 5955, Oct 22 at 0614, pulse jamming against nothing, since R.

República quit Costa Rican transmitter on 5954 decade(s) ago. But the paranoid Commies are on it, just in case! (Glenn Hauser, OK, WOR)

** CUBA. 5040, 6000, 6060, 6100, 6165, 11670, 11760, Sunday October 23 at 0703, all RHC frequencies are off when weekly Esperanto would otherwise emit. I do hear it at 1503, S7/S9 on 15140 and much better on S7/S9 11760, still claiming that the first airing be at 0800. In another biweek, that time at least will again be correct. Something`s always wrong at RHC. 5025 Rebelde also still AWOL at 0702 (Glenn Hauser, OK, WOR)

** CUBA. 13632 approx., Oct 24 at 1454, RHC spurblob with F# tone is JBA, so weak because 13700 AM fundamental is also weak, S1/S3. Then found an even weaker match at +68 kHz, 13768 approx. They run past 1501 but all gone by 1524 recheck. It`s been months since I`ve logged such blobs plus multiples further out, but at least they`re trying. Something`s always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 5025 & 5040, Oct 24 at 2318, Rebelde & RHC are still off, nothing into Bonaire SDR (Glenn Hauser, OK, WOR)

** CUBA [and non]. 6060, Oct 26 at 0619, RHC English, S9/+10 and undermodulated, nowhere else on 6 or 5 MHz; how many kW? Not unusually, inferior to *1 kW* CFRX neighbor on 6070, which is S9/+10 and louder, but also with a SAH, presumably Channel 292, Germany (Glenn Hauser, OK, WOR)

** EGYPT. 9439.995, Oct 21 at 2153, no horrible signal from R. Cairo into UTwente. Something`s amiss at Abis (Glenn Hauser, OK, WOR)

** EUROPE. 15210 USB, Oct 22 at 1532, Marconi Radio International tribute to Dario Monferini and Roberto Scaglione, all-Italian talk on poor S5/S6 signal into UTwente, but doubt I could have understood it in English. 1541 some repetitive music, like an IS. Auto-notch filter against het and noise reduxion do help, still going past 1600. Tnx to Mike Terry for this from MRI:

``MARCONI RADIO INTERNATIONAL TRIBUTE TO DARIO MONFERINI AND ROBERTO SCAGLIONE --- Please be advised that Marconi Radio International (MRI) will be on the air this week-end as follows:

22 October
1500-1610 on 15210 kHz
1800-1910 on 6185 kHz

23 October
0600-0710 on 9210 kHz
0800-0910 on 9210 kHz

1200-1310 on 9210 kHz
1330-1440 on 15210 kHz
1800-1910 on 6185 kHz
2000-2110 on 6185 kHz

Al times in UTC - All transmissions in USB mode

The broadcast will consist of a replay of our special 30th anniversary transmission, originally aired on 4th January 2016 which includes interviews to Dario Monferini and Roberto Scaglione, two well-known figures of the Italian DX scene who passed away in this very sad 2022. That wants to be our modest tribute to Dario (editor of Play DX) and Roberto (Host of AWR's Italian DX programme). Stay tuned! Marconi Radio International``

Here are looks at Dario from WRMI:
https://www.facebook.com/photo/?fbid=970992450503824&set=ecnf.100027792350339
https://www.facebook.com/photo/?fbid=970992507170485&set=ecnf.100027792350339

IRRS was also going to tribute Dario on SW, MW and web this weekend at unspecified times. Check 7290 via Bulgaria at 18-19. Into UTwente, music at 1812 Oct 22 suffers heavy 3 Hz SAH from another station, CNR1? Beijing site supposed to stop at 1805* (Glenn Hauser, OK, WOR)

** JAPAN. 9615, Oct 23 at 0706, medley of classic rock tunes, Japanese announcements, S7/S9. Yes, it`s NHK direct at 0655-0900 (Glenn Hauser, OK, WOR)

** JAPAN [non]. 5985, Oct 26 at 0400, no signal from WRMI-2. NHK in Spanish was scheduled here and nowhen else, even direct. I believe that language was totally canceled by NHK some months ago. HFCC B22 shows no Spa anywhen, anywhence:
http://hfcc.org/data/schedbybrc.php?seas=B22&broadc=NHK
Nor for A22, 5985 last appearing for B21.

WRMI transmission skedgrid shows nothing 24h on 5985; yet the program schedule below still shows a ``System K`` for nothing but this. Aoki & EiBi still show some other programming on 5985 WRMI. 5985 was nullified long before Hurricane Ian (Glenn Hauser, OK, WOR)

** KIRITIMATI [and non]. 846, Oct 20 at 0634, no signal from R. Kiribati, but this is Thursday. It may be erratic; Bruce Portzer noted from his Grayland WA DXpedition circa Oct 12 mainly logging Kiribati on 1440, ``I was surprised to discover that the other Kiribati station, Kiritimati 846, was carrying separate programming and signed off at 0730z. Bruce in Seattle``.

While 846 was inaudible here, Oct 20 at 0635+, I did have JBA TA

carriers on 855, 882, 774, 711, 612, presumably, Spain, Canary, Morocco (Glenn Hauser, OK, WOR)

** KIRITIMATI [and non]. 846 kHz, Oct 21 at 0634, no signal from R. Kiribati; and only 9/kHz JBA carrier is 882, presumably 20 kW Canary Islands. Note: in such cases of 9-kHz step-tuning on USB 1 kHz below, I make sure the signal is from 882, not 880. However, Gary Pence sends an Oahu SDR screenshot at 0636 showing a trace on 846, so does seem on tonight. Yes, and Ron Howard replies to previous report:

```Re: ``I was surprised to discover that the other Kiribati station, Kiritimati 846, was carrying separate programming and signed off at 0730z. Bruce in Seattle``

Hi Bruce - Thank you very much for the Radio Kiribati info. Most helpful! Tuned into 846, from 0712 till cut off mid-song at 0726* UT, on Oct 21. Non-stop pop songs; heard with no announcements at all; no sign off info! Ron (California)``` (Glenn Hauser, OK, WOR)

** KIRITIMATI. 846, Oct 22 at 0623, JBA carrier from R. Kiribati; Gary Pence had notified me at 0410 that it was already S7/S8 into Oahu SDR. Plus a bunch of TA carriers, see unID (Glenn Hauser, OK, WOR)

** KIRITIMATI. 846 kHz, Oct 23 at 0657, no JBA carrier from R. Kiribati, presumably another silent Sunday (Glenn Hauser, OK, WOR)

** MALDIVES [non]. 11620, Oct 21 at 1502, V. of Martyrs, Korea, but Maldives service continues unreasonably strong S9+10/20 here on opposite worldside from secret site. English preaching but self-QRM from off-mike undertalk in another language presumably Dhivehi: simultaneous translation E-to-D? In which case the Dhivehi should be atop. Or maybe it`s Korean.

BTW, with sea level rising to drown the islands unless they float, Maldives have slightly more pressing problems than whether to switch deity projexion, from Allah to God (Glenn Hauser, OK, WOR)

** NIGERIA. 7255-, Oct 20 at 0618, no signal from VON. I wonder if the flooding around Abuja affects this. SW sites, of course, should be built on high ground. Also no signal into Canary SDR at 1825 (Glenn Hauser, OK, WOR)

** NIGERIA. 7255-, Oct 21 at 0650, S9 of dead air direct, so VON is on this morning, but fruitless. Also nothing into Canary SDR at 1758 nor some later chex (Glenn Hauser, OK, WOR)

** NIGERIA. 7255-, Oct 22 at 0617, VON is on at S9+20, but undermodulated Hausa. Nothing at 1811 into Canary SDR (Glenn Hauser,
```

OK, WOR)

** NIGERIA. 7255-, Oct 23 at 0658, no signal from VON. Nor at 1830 into Alicante, Spain SDR altho Dan Robinson is listening to some Europirate on 6931+. Canary Islands SDR which I always check first, was tied up by its German ham (Glenn Hauser, OK, WOR)

** NIGERIA. 7255-, Oct 24 at 0624, VON is on at S9+10/20 direct but just barely modulated. No signals into Canary SDR at 1730-1820, 1846 (Glenn Hauser, OK, WOR)

** NIGERIA. 7255-, Oct 25 at 0655, VON is on at S6/S7 but just barely modulated.

7255 minus 67 Hz = 7254.933, Tue Oct 25 at 1713, VON is ON into Canary SDR, S9/+10 but just barely modulated in presumed English, with squeal, useless. Well before 1730 it`s off. 1825: still off. Something`s abysmal at Abuja.

VON might as well give up totally on SW. So do I for them. There is a live stream, English span still presumably 1630-1900, at:
http://www.radio.garden/listen/voice-of-nigeria/k05gCdlw
At 1744 `Women & Development` is ending. 1746 `Diplomatic Suite`. 1900 ending ``60 Minutes`` sign-off does not mention SW 7255! but app and stream. 1901 into percussive IS and Fulfulde. This via their slow-loading website with lots of stuff, but no plain old program schedule, linked from WOR Hitlist:
https://www.von.gov.ng/
Only other link on Hitlist is to their FB, nothing since Jan 2021!:
https://www.facebook.com/news.von/
but they also mentioned a different? FB I didn`t copy (Glenn Hauser, OK, WOR)

** NIGERIA. 7255-, Oct 26 at 0615, no signal from VON direct. No signal at 1803, 1850 into Canary remote (Glenn Hauser, OK, WOR)

** NORTH AMERICA. 6880 AM, Oct 21 at 2355, music S5/S7. These say it`s WTF Radio Worldwide:
https://www.hfunderground.com/board/index.php/topic,103536.0.html

6955 USB, Oct 21 at 2340, rock at S9+18; 2352 recheck SSTV ending and back to music. These show from image it`s Damn Skippy:
https://www.hfunderground.com/board/index.php/topic,103529.0.html

6969 USB, Oct 21 at 2340, rock music S8/S9 from live concert pausing to talk to audience. These say it`s Mushroom Head Radio:
https://www.hfunderground.com/board/index.php/topic,103527.0.html
(Glenn Hauser, OK, WOR)

** OKLAHOMA. 255 MCW kHz, Oct 26 at 0624 UT, SW, ND beacon at StillWater, now confirmed on (Glenn Hauser, OK, WOR)

** OKLAHOMA. 350 MCW kHz, Oct 25 at 2126 UT, RG, OKC is on again but JBA, while I am not hearing 255 MCW, SW, StillWater (Glenn Hauser, Enid, WOR)

** OKLAHOMA. 1640 KZLS // 1390 KCRC Enids, Oct 26 at 0640/0642 UT, both are in dead air instead of sports talk (Glenn Hauser, Enid, WOR)

** OKLAHOMA. 27184.5 AM, Oct 21 at 2334, music and talk undermodulated and distorted, relay by local CB pirate. On another rx I check all local FMs for // and finally decide it`s 97.7 again, KHRK (Glenn Hauser, OK, WOR)

** SPAIN. 17855, Fri Oct 21 at 2156, NO signal of the REE frequency for N America, into Maryland SDR, nor at 2228 check into Canary. Suspect it`s off rather than propped out. Maryland gets 11940 for S America best, S9/+10 so I stay with it for 2200 token English; also 15520 ME at S5/S7, 11670 Af S6/S8. 2200 Hélena Rigobert previews subjects after the news: Justin Coe interviewing someone who used to work for REE, and also BBC.

That starts at 2205.5, with Lilliburlero, then Frank Smith on phone from London, spurred by this week`s 100th anniversary of BBC on Oct 18. RNE English broadcasts started in 1944. Frank worked for BBC Monitoring of Spanish stations; in January 1975 he was on `death watch` for Franco 30+ hours but could not stay awake any longer, and Franco died in next three hours. Got tired of merely translating Franco et al., would rather write the news himself, so got a job at BBCWS. Canteens at Bush House and Caversham were great place to meet people from all over the world, many of them exiles. One Englishman spoke and broadcast in seven languages, including fluent Basque. I think Frank said he now lives in Galicia. Lilliburlero again to close, and 2227 another in the October series of recommended horror films: ``Secuestrado`` (Glenn Hauser, OK, WOR)

** SPAIN. 17855, Oct 23 at 1507, No signal direct from REE NAm frequency by when it should be on, weekends. Leaves us with offtheback from 15520 to ME, and too weak 11940 for SAm. Something`s always nogood at Noblejas (Glenn Hauser, OK, WOR)

** SPAIN. 17855, Oct 24 at 2032, again today no signal from REE to N America direct. Also at 2225 during token English Monday, nor audible on 15520, 11940 direct. At 2300 I`m on Maryland remote just in time to hear good S6/S7 signal on 11670 as it`s signing off, 2301 into earworm IS: for Africa, normally the weakest over here, but now the only one

audible, so 11940 at least is also AWOL. Something`s not right at Noblejas (Glenn Hauser, OK, WOR)

** SPAIN. 17855, Oct 25 at 2013, REE NAm frequency still off (Glenn Hauser, OK, WOR)

** SPAIN. 17855, Oct 26 at 2200, token English from REE on Wed, first checked direct: NAm frequency is back on, but poor not propagating so well toward the end of A-season, also undermodulated? 15520 VP, 11940 NO signal so must be off since 11670 is audible but poor. By 2207 I`m checking Maryland remote: YL interview about something: 17855 S2/S3, 15520 JBA, 11940 OFF, 11670 despite normally the worst here, for Africa, is poor S3/S4 making it the best, but also with squeal. Something`s not right at Noblejas.

From Oct 30 the Bquencies are likely to be 9690 NAm, 12030 ME, 11940 SAm, altho a number of new alternatives have been registered; but for Africa it`s either 17755 or 21620, neither of which will be any good over here by 2300; as everything including English will be one real UT hour latened (Glenn Hauser, OK, WOR)

** TURKEY. 9830.003, Oct 21 at 2154, VOT already on with IS and English IDs, VG S9+40/45 into UTwente, no squeal, but mod level surges and drops, at first on that rx in AM Synch. A good day to pay attention, but until 2230 I`m more interested in SPAIN, q.v. Back here at 2230, amid `Feeling Supreme` about nutrition until 2237 music break; 2246 outro of `DYKT?` in heavy accent; 2251 s/off with English sked in usual jumbled form, 2252.5 IS and off before 2253*. Really nice audio and signal today (Glenn Hauser, OK, WOR)

** TURKEY. 9830.021, Oct 22 at 2223, VOT at S9+45 into UTwente, OK modulation except for some hum, concluding feature sounding like ``Gripping Piles`` -- am fairly sure neither word be correct, but tnx to her heavy accent, and impossible to find any English program sked on website. https://www.trtworld.com/ --- a few years ago, VOT RADIO on SW was merged into the mainly TV website, and now there is a blank space on WOR HITLIST for English programming. Apparently the only radio programming it displays is for Tuerkiyeish language. 2229 multi-lingual ID filler reel; off at 2254*. Something`s awry at Ankara (Glenn Hauser, OK, WOR)

** TURKEY. 9830, Oct 26 at 2200, VOT English is JBA direct, but by 2213 into UTwente it`s S9+40/45, with scratchy over/modulation, as something`s always erroneous at Emirler. 2216 concluding `Review of the Tuerkiyeish Press`. Music bit and 2219, `Weekly Commentary`, by Thomas Alford? who has written for Spectator, SCMP et al., but read by the heavily accented YL, titled ``Britain's Political Peril Is Unlikely to End with Sunak``. Not sure of his name, I search on that

exact title and leads directly to full text at TRT World:
https://www.trtworld.com/opinion/britain-s-political-peril-is-unlikely-to-end-with-sunak-61921
where I notice that the ESL reader simply skips over words she does not recognize or know how to pronounce, while mispronouncing others. His name is Thomas O. Falk. At the bottom, individuals are invited to email their own opinion pieces to TRT. Maybe he did exactly that, so it`s original with TRT. Otherwise the subject has no relevance to Turkey. 2230, next show is ``Cooking Files``?? No, I still can`t comprehend the title; it`s not about recipes, but space exploration (Glenn Hauser, OK, WOR)

** U K [non]. 11930, Oct 23 at 0700, JBA carrier amid Cuban jamming, surely not R. Martí at this hour: Aoki shows BBC French via ASCENSION daily at 0700-0730: another frequency management failure, not avoiding this frequency like the plague, since Cuba will jam it whether RM be on it or not. I see others blithely using 11930 even when both RM and jamming are on it: Turkey, Sa`udi Arabia. Yes, their circuits and targets may be diverse, but why risk co-channel to a radio war? (Glenn Hauser, OK, WOR)

** U S A. 383 MCW kHz, Oct 25 at 0620 UT, CNP, 25 watt ND beacon at Chappell, Nebraska, which is in the SW corner right next to the NE corner of Colorado. And mixing with another, partial call #WL? Nonesuch listed on 383, but on 385 there is UWL, 25 watts in New Castle, Indiana. My local line noise level in the 370-420 area must have relented a bit. Heavy storms on the radar map in NE TX not the problem I expected. CNP rarely heard, last logged Dec 5, Nov 15 & 13, 2021. UWL last logged Jan 24, 2018 (Glenn Hauser, OK, WOR)

** U S A. 356 MCW kHz, Oct 25 at 0624 UT, ODX, 25 watt NDB at Ord, Nebraska.

353 MCW kHz, Oct 25 at 0633, LI, 400 watt NDB at LIttle Rock, Arkansas; but I was tuned to 351 while 350 RG OKC was rarely absent (Glenn Hauser, OK, WOR)

** U S A [and non]. WORLD OF RADIO 2160 monitoring: confirmed UT Thursday October 20 at 0030 on WRMI 9395, S9+20 into Missouri SDR.

Also confirmed UT Thursday October 20 at 0130 on WRMI 5010, S8/9+10 into Bonaire SDR.

NEW WORLD OF RADIO TIME effective immediately, tnx to Jeff White: UT Saturday 0130 on WRMI 5850 to the NW, just reactivated, and also on 15770 instead of 7730, probably to the NE but widely heard.

WORLD OF RADIO 2161 contents: Alaska, Antarctica, Austria, Brasil,

China, Cuba, Egypt, Ethiopia and non, (France), Germany, Guatemala and non, Indonesia, (Iran), Ireland, Italy, Japan, Kaliningrad, Korea South, Luxembourg, Malaysia, Myanmar, Netherlands non, New Zealand, North America, Russia non, Sa`udi Arabia, Tibet non, (UAE), UK, USA, Vanuatu; Frodgisms; propagation outlook ---
(countries mentioned along with others, not in order)

WORLD OF RADIO 2161 available from 0207 UT October 21:

(mp3 stream) https://www.w4uvh.net/wor2161.m3u
(mp3 download) https://www.w4uvh.net/wor2161.mp3

Or via http://www.worldofradio.com/audiomid.html
Also linx to podcast services.

The shortwave+ broadcasts should be:
*WRMI frequencies not yet restored as of October 21! But check all other frequencies at scheduled times for possible substitutions

0330 UT Friday WRMI *7780 to SW; but last weeks on 9455!!
1430 UT Friday WRMI 9955 to SSE [jammed? by Cuba]
1815 UT Friday IRRS 7290-Bulgaria to WNW, 14580?; 1323 & 918?
& 207?-Italy [still pre-empted on 3rd Friday?]
2030 UT Friday IRRS 1323 & 918? & 207?-Italy
0130 UT Saturday WRMI 5850 to NW, 15770 to NE? [NEWS]
0400 UT Saturday WBCQ Radio Angela 5130v to WSW
1930vUT Saturday WA0RCR 1860-AM
0030 UT Sunday WRMI *7780 to SW
0300vUT Sunday WA0RCR 1860-AM [nominal 0315; as late as 0430]
2000 UT Sunday IRRS 1323 & 918? & 207?-Italy
0030 UT Monday WRMI 5950 to NNW
0030 UT Monday WRMI *7780 to SW
0300vUT Monday WBCQ Area 51 6160v to WSW
0030 UT Tuesday WRMI 9395 to NNW [missed last week by mistake]
2230 UT Tuesday WRMI 9955 to SSE [jammed by Cuba]
2330 UT Tuesday WRMI 9395 to NNW
1030 UT Wednesday WRMI 5850 to NW
2100 UT Wednesday WBCQ 7490v to WSW
0030 UT Thursday WRMI 9395 to NNW
0130 UT Thursday WRMI 5010 to S

Full schedule including AM, FM, webcasts, satellite, podcasts:
http://www.worldofradio.com/radioskd.html

A noncommercial service for which financial support is appreciated.
Thanks this week to Andy Reid, Ontario, for a contribution via PayPal, not necessarily in US funds, to woradio at yahoo.com

Or by money order or check on a US bank to Glenn Hauser, P O Box 1684, Enid OK 73702 (Glenn Hauser, OK, WOR)

** U S A [and non]. WORLD OF RADIO 2161 monitoring: NOT confirmed UT Friday October 21 at 0330 on WRMI: 7780 still not restored, while 9455 which substituted last two weeks, has resumed with SMTV, ``yes, Master!``

Confirmed what is now the first WOR SW broadcast anywhere, Friday October 21 at 1430 on WRMI 9955, S9/+10 direct but undermodulated; no jamming audible.

Pleased to note that WOR is no longer preëmpted by IRRS on third Friday of month for Radio City rock music. In Sept, it was neither them nor WOR. WOR 2161 confirmed from 1815.2 Friday October 21 on IRRS SW via BULGARIA 7290, and via AM Italia, 1323 kHz only. Played to completion 1844. 7290 at S7/S8 into UTwente but quite readable, and nothing audible on X2 = 14580. 1323, however, still suffers heavy QRM from Romania`s minority service in German, mostly under it but occasionally equalling, depending on fades of each. They total S9+10/20. At 1820 WOR is about equal; 1825 way under. Meanwhile, 918 is free of any possible interference, but AMI is not using it.

As usual I monitored the entire hour: 1323, tune-in via nearby Noale SDR at 1755 to classical music as always finalizing the Hungarian hour, way over AMI. It`s unknown talk show about unionizing Starbux. 1800 cut it off for IRRS ``sign-on``, Feature Story News. As always, 7290 does not cut on until 1800.8, JIP FSN; 1803 Spotlite segment; 1805 IRRS ID, music, first YL bluegrass singer with banjo. 1812 a smidgin of Amy Goodman, presumably a `Counterspin` promo, more music, plug for something at a Long Island museum on Oct 23. 1813 timecheck for 6:01, WUSB Stony Brook NY ID, `Off the Wall` but only music until that`s chopped off at 1815 for IRRS ID and 1815.2 WOR. `Off the Wall` is not to be confused, as I almost did, with `Off the Hook` on WBAI. After WOR: 1844 music, IRRS ID, 1845 more music, 1850 M&W interview I don`t try to follow, as 7290 chops off at 1857* when the ChiCom ACI starts. Same continues on 1323 until 1900 IRRS SW ``signing off`` even tho this is MW and it`s not signing off, Verdi theme. Meanwhile, Romania has quit at 1900 with a brief tone, freeing up 1323 too late for us.

WOR 2161 also confirmed Friday October 21 at 2030 on AM Italia, 1323 kHz only, S9/+15, well atop some musiQRM, and at 2031 I hear an English ID like ``News Radio``? No, it must be Smooth Radio, the 500-watt station in Brighton, England, yet capable of QRMing us in Italy and I suppose moreso further NW in Europe. WRTH shows Smooth Radio also has 16 other relays under 1 kW on 15 other MW frequencies; plus mostly lower-powered FMs. Next:

NEW WORLD OF RADIO TIME effective immediately, tnx to Jeff White: UT Saturday 0130 on WRMI 5850 to the NW, just reactivated, and also on 15770 instead of 7730, probably to the NE but widely heard.

0130 UT Saturday WRMI 5850 to NW, 15770 to NE?

0400 UT Saturday WBCQ Radio Angela 5130v to WSW
1930vUT Saturday WA0RCR 1860-AM
0030 UT Sunday WRMI *7780 to SW
0300vUT Sunday WA0RCR 1860-AM [nominal 0315; as late as 0430]
2000 UT Sunday IRRS 1323 & 918? & 207?-Italy
0030 UT Monday WRMI 5950 to NNW
0030 UT Monday WRMI *7780 to SW
0300vUT Monday WBCQ Area 51 6160v to WSW
0030 UT Tuesday WRMI 9395 to NNW [missed last week by mistake]
2230 UT Tuesday WRMI 9955 to SSE [jammed by Cuba]
2330 UT Tuesday WRMI 9395 to NNW
1030 UT Wednesday WRMI 5850 to NW
2100 UT Wednesday WBCQ 7490v to WSW
0030 UT Thursday WRMI 9395 to NNW
0130 UT Thursday WRMI 5010 to S
(Glenn Hauser, OK, WOR)

** U S A [and non]. WORLD OF RADIO 2161 monitoring: confirmed new time UT Saturday October 22 at 0130 on WRMI 5850, just reactivated with VG S9+20/30 signal here toward the NW, and S9+32 into Missouri SDR. New // 15770 however is JBA direct; not into UTwente if aimed thataway, rather splash from 15775, i.e. CNR1 jammer vs SOH for long hours, per Aoki. How about KFS remote at Halfmoon Bay CA on its SE antenna? 15770 achieves S7/S9, but even there, 5850 is much better, S9+15/30. 7730 will probably be the last one repaired next week, to resume at night instead of 15770.

Also confirmed UT Saturday October 22 at 0400 on WBCQ Radio Angela, 5130-, S9+8/13 into Maryland SDR.

Also confirmed Saturday October 22 at 1600 on WRN N America webcast.

Surprise! as I am monitoring IRRS 7290 Bulgaria for something about Dario, via UTwente, Saturday October 22, WOR starts at 1814!! Supposedly not scheduled on Sat, so could only be a fragment. Also on AM Italia, 1323 only, into Noale SDR. Next:

1930vUT Saturday WA0RCR 1860-AM
0030 UT Sunday WRMI *7780 to SW
0300vUT Sunday WA0RCR 1860-AM [nominal 0315; as late as 0430]
2000 UT Sunday IRRS 1323 & 918? & 207?-Italy

0030 UT Monday WRMI 5950 to NNW
0030 UT Monday WRMI *7780 to SW
0300vUT Monday WBCQ Area 51 6160v to WSW
0030 UT Tuesday WRMI 9395 to NNW [missed last week by mistake]
2230 UT Tuesday WRMI 9955 to SSE [jammed by Cuba]
2330 UT Tuesday WRMI 9395 to NNW
1030 UT Wednesday WRMI 5850 to NW
2100 UT Wednesday WBCQ 7490v to WSW
0030 UT Thursday WRMI 9395 to NNW
0130 UT Thursday WRMI 5010 to S
*7780 still not restored as of Oct 22
(Glenn Hauser, OK, WOR)

** U S A [and non]. WORLD OF RADIO 2161 monitoring: continued from last report: the unscheduled appearance Saturday October 22 at 1814 on IRRS 7290 & 1323: indeed it was a fragment, first half only, cut to something else at 1830, but not before had concluded my ITALY item about the late Dario Monferini.

Also confirmed Saturday October 22 at 1950 on WA0RCR, 1860 AM, MO, S9+18 into nearby SDR, about 23 minutes into so started circa 1927.

Reconfirmed NOT on WRMI 15770, Sat Oct 23 at 1930, despite staying on the websked months after replaced by a gospel huxter.

Reconfirmed NOT on 7780 or any other WRMI frequency at 0030 UT Sunday October 23.

Confirmed UT Sunday October 23 until 0348 on WA0RCR, 1860 AM, MO, so started circa 0319. Next:

2000 UT Sunday IRRS 1323 & 918? & 207?-Italy
0030 UT Monday WRMI 5950 to NNW
0030 UT Monday WRMI *7780 to SW
0300vUT Monday WBCQ Area 51 6160v to WSW
0030 UT Tuesday WRMI 9395 to NNW [missed last week by mistake]
2230 UT Tuesday WRMI 9955 to SSE [jammed by Cuba]
2330 UT Tuesday WRMI 9395 to NNW
1030 UT Wednesday WRMI 5850 to NW
2100 UT Wednesday WBCQ 7490v to WSW
0030 UT Thursday WRMI 9395 to NNW
0130 UT Thursday WRMI 5010 to S
*7780 still not restored as of Oct 23
(Glenn Hauser, OK, WOR)

** U S A [and non]. WORLD OF RADIO 2161 monitoring: confirmed Sunday October 23 at 2000 on IRRS via AM Italia, 1323 kHz only, S9+5/15, over lite CCI presumably Smooth Radio, Brighton, England.

Also confirmed UT Monday October 24 at 0030 on WRMI 5950, S9/+10 into Maryland SDR. 7780 still not restored. Just in case, I checked all WRMI frequencies for WOR at 2230 and 2330 Oct 23, but nowhere.

Also confirmed UT Monday October 24 from 0301.9 on WBCQ Area 51, S8/S9 on 6160 minus 64 Hz = 6159.936 into Maryland SDR following ancient show talking about calling 5.1 MHz broadcasts ``Area 51``, and WBCQ singing ID. Next:

0030 UT Tuesday WRMI 9395 to NNW [missed last week by mistake]
2230 UT Tuesday WRMI 9955 to SSE [jammed by Cuba]
2330 UT Tuesday WRMI 9395 to NNW
1030 UT Wednesday WRMI 5850 to NW
2100 UT Wednesday WBCQ 7490v to WSW
0030 UT Thursday WRMI 9395 to NNW
0130 UT Thursday WRMI 5010 to S
*7780 still not restored as of Oct 23
(Glenn Hauser, OK, WOR)

** U S A. WORLD OF RADIO 2161 monitoring: confirmed UT Tuesday October 25 at 0030 on WRMI 9395, S6/S9 direct. Next:

2230 UT Tuesday WRMI 9955 to SSE [jammed by Cuba]
2330 UT Tuesday WRMI 9395 to NNW
1030 UT Wednesday WRMI 5850 to NW
2100 UT Wednesday WBCQ 7490v to WSW
0030 UT Thursday WRMI 9395 to NNW
0130 UT Thursday WRMI 5010 to S
*7780 still not restored as of Oct 23
(Glenn Hauser, OK, WOR)

** U S A [and non]. WORLD OF RADIO 2161 monitoring: ``From: Richard Lemke, St. Albert, Alberta, Canada, the desk of Richard's listening Post, Radio: JRC NRD-535 HF, Antenna: random long wires in the trees, Dear Glenn: Confirming World of Radio #2161. Most of the Viva Miami programs have been changed to SOS WRMI w/Larry playing 1990's songs.

WRMI:
5850, jamming, QRN, 0130, 0145, 0158 (55334), (55333), 0158, October 22 UTC 2022 [Sat]
5950, fading, jamming noise, stormy, 0030, 0044, 0054 (55334), 0059, Oct 24 UTC 2022 [Mon]
9395, QRN, other TV noise, 0030, 0057, signal S9, 0059, October 25 UTC 2022 [Tue]
9955, clear audio, QSB fading, 2230, 2245, 2258 (45333), 2259, October 25 UTC [Tue]

9395, other TV noise, 2330, 2344, 2359 (45433), 2358, Oct 25 UTC 2022 [Tue]
5850, 1030 (55433), (55434), 1055, October 26 UTC [Wed] (Lemke, Richard -AB)``

Confirmed Tuesday October 25 at 2230 on WRMI 9955, S9/+10 into Bonaire SDR including Cuban pulse jamming.

Also confirmed Tuesday October 25 at 2330 on WRMI 9395, S9+15 into Maryland SDR.

Also confirmed Wednesday October 26 at 1048 the 1030 on WRMI 5850 reactivated, VG direct.

Also confirmed Wednesday October 26 at 2100.4 on WBCQ 7490 minus 71 Hz = 7489.929, S9/+15 into Maryland SDR, unchecked direct but usually JBA. Next:

0030 UT Thursday WRMI 9395 to NNW {confirmed}
0130 UT Thursday WRMI 5010 to S

New WOR 2162 should be ready for download early UT Friday October 28, possibly first SW airing at 0330 on WRMI if 7780 be finally restored; or Friday 1430 on 9955.

Full schedule including AM, FM, webcasts, satellite, podcasts: http://www.worldofradio.com/radioskd.html

A noncommercial service for which financial support is appreciated. Thanks this week to Andy Reid, Ontario, for a contribution via PayPal, not necessarily in US funds, to woradio at yahoo.com

Or by money order or check on a US bank to Glenn Hauser, P O Box 1684, Enid OK 73702 (Glenn Hauser, OK, WOR)

** U S A. 5010, Oct 20 at 0615, this WRMI is off, rather than extended. So are all other 5 & 7 MHz channels: 5800, 5850, 5950, 7570, 7730, 7780. At 0620, 9455 is splattering again down to 9420. But the latest from WRMI at 1539 UT Oct 20:

``5850 kHz back on the air --- The repairs on 5850 kHz have been finished, and we tested it on the air at 1445 UTC today, October 20. It's off at the moment, but it will come on at its normal sign-on time of 2200 UTC this evening. We know that a lot of listeners in central and western North America will be happy to hear this.

We will continue to work on 7570 and 7780 kHz in the coming days as we make more repairs to those transmission lines that were damaged by

Hurricane Ian. Thank you again for all of your messages of support.

Jeff White, General Manager
WRMI Radio Miami International
10400 NW 240th Street
Okeechobee, Florida 34972 USA
Tel +1-305-559-9764
Fax +1-863-467-0185
www.wrmi.net`` (Glenn Hauser, OK, WOR)

** U S A. 5010, 5800, even 5950, Sat Oct 22 at 0613, all these WRMIs are OFF, but 5850 remains on. That matches the skedgrid dated Oct 20, except 5010 was supposed to be extended all-night Sat & Sun with TOMBS during this hour. Here`s their new `gator:
https://www.facebook.com/photo/?fbid=10150258243000387&set=ecnf.100027792350339
(Glenn Hauser, OK, WOR)

** U S A. 17790, Oct 23 at 1506, WRMI is S9/+10 with R. Africa service to SAm, much better way over here than ex-21525 still lacking a proper antenna. WRMI itself presents no specific program sked, but AFAIK it`s 100% gospel huxters. The gals at PanAm are jumping for joy:
https://www.facebook.com/photo.php?fbid=966035550999514&set=pb.100027792350339.-2207520000.&type=3
https://www.facebook.com/photo.php?fbid=966035547666181&set=pb.100027792350339.-2207520000.&type=3
(Glenn Hauser, OK, WOR)

** U S A [and non]. 5850, Oct 23 at 2335, WRMI with opera in Italian; i.e. R. Prague Int`l relay in `English`, usual Sunday classical music default. But via Maryland remote, there is a `roar` in the background. At first I wonder if a transmission defect, while // 5010 has no such roar. Still so on 5850 after 0000 Oct 24. And the roar is much stronger vs WRMI at Bonaire remote. So I am suspecting Cuban jamming altho that`s nonsensical with no exile programming on 5850 and very little Spanish otherwise. However, there is no pulsing in the roar as usually the case of Cuban jamming. Some utility QRM? At 0042 direct to OK, here in the boresight of WRMI`s very strong signal, I don`t hear any. Needs further investigation!

I meant to check 5850 the next day Oct 24 just before *2200, but missed it; circa 2030 there was nothing unusual. I am checking remotes at 2302: Bonaire OK at first until I compare to 5950 & 5010 which are less noisy. By 2320 into Maryland, 5850 again has some background noise like yesterday.

BTW, for a while WRMI itself was carrying R. República at 0300-0400 three nights a week on 5800, risking attracting jamming there, and beyond those hours; but has vanished from current skedgrid. B-22

relays via FRANCE are already on the sked showing Cuba target on 9490, but not what (Glenn Hauser, OK, WOR)

** U S A. 9955, Oct 24 at 1531, this WRMI is off, while 9395 & 9455 are on and nominal. Ditto at 2031, 2229. Had been 24 h but skedgrid now shows a gap at 15-21. Could be that #3 is OK but logistically needs to be off while other antenna lines are being repaired (Glenn Hauser, OK, WOR)

** U S A [and non]. 9955, Oct 25 at 0216, this WRMI is still off, but not the Cuban pulse jamming! That`ll show `em! 9395 & 9455 are nominal. 9955 still off at 2120 Oct 25, but back on by 2155.

As of 1530 UT Oct 25, there had been *no* updates on WRMI FB since Oct 21, unusual. Finally here`s one circa 2130 UT Oct 25:

``WRMI Radio Miami International 30m · A quick update on hurricane repairs at WRMI. Our crew continues to work on repairing transmission lines for 7570 and 7780 kHz. They have been quite difficult to reconstruct, but we are hopeful that one or both frequencies will be back on before the end of this week. We will keep you updated.`` (Glenn Hauser, OK, WOR)

** U S A. 17790, Oct 25 at 1450, WRMI OC on already, S9/+10; by 1458 the IS & ID loop is underway prior to R. Africa service (Glenn Hauser, OK, WOR)

** U S A. From Jeff White at 2209 UT Oct 26: ``7570 kHz back on the air --- Friends: I can now report that WRMI has the frequency of 7570 kHz back on the air as of today. This leaves one more frequency to go: 7780 kHz. We will strive to get that one back on the air within the next few days if all goes well. Best regards from Okeechobee. Jeff White, General Manager, WRMI Radio Miami International``

7570, Oct 26 at 2315, indeed on, S9/+10 into Maryland with RAE in French, to be followed by weekly English at 2330-2400. Skedgrid shows 7570 as WRMI-11, 315 degrees, 23-24 Sys D with RAE Argentina M-F, other stuff Sat/Sun, daily 00-11 TOMBS, 11-14 SMTV, 14-16 Sat only more TOMBS. What about 7730? Supposedly restored weeks ago but at very low power, so I don`t even detect it (Glenn Hauser, OK, WOR) {but 7570 in dead air 2330-2355 instead of RAE English!}

** U S A. 9330.114, Oct 24 at 1532, WLCR/WBCQ is on in English but still way off-frequency. 2030 recheck it`s off again, repair work? (Glenn Hauser, OK, WOR)

** U S A. 9940, Oct 25 at 2016, WTWW is on with rock in English, S9+40; at 2125 WTWW singing ID, ``Voice of Freedom, WTWW 9940`` and

``a song from the Ukrainian Top 50``, but Ted doesn`t name or translate it nor cite the number. Is there a specific sked for ``V of Freedom``? From homepage wtww.us --

``We are broadcasting to Ukraine on 9940
From 1pm CDT to 6pm (or later) [18-23+ UT]
Listen to our Direct Feed to 9940 here:
Click the picture to listen`` (Glenn Hauser, OK, WOR)

** U S A. 12050, Oct 26 at 1507, S9 of dead air from WEWN/RCM (Glenn Hauser, OK, WOR)

** U S A. 1140 kHz, Oct 20 at 0642 tune-in, immediately hear ID for 100.1 & 1140, KXRB, Sioux Falls. 100.1 is 2.15 kW from Brandon. Night pattern has only minor lobes southish, major to the NW. No open carrier from KLTK(?) tonight (Glenn Hauser, OK, WOR)

** U S A. 1319.72, Oct 21 at 0622 UT, het against 1320 pileup. Tnx to Terry Krueger, FL tip I also mention on WOR 2161: ``1319.719 NORTH CAROLINA WCOG Greensboro 0224 GMT 10/13/22 'Key Largo' by Bertie Higgins into Glenn Frey, Elvis. Singing call letters jingle. Very good. Still (or again) seriously off-channel``.

It`s tough for me to measure a frequency like that directly, so indirectly, I match the het pitch heard in AM mode, with USB downtuning on R75. Here`s a log history of WCOG from my archive:

0305 UT July 12, 2022 on ABDX: ``1320 WCOG Greensboro NC with oldies, likely day power of 5000 watts, 10:50 PM EDT [0250 UT] Radio CC SW, Powell E Way, near Silverstreet SC`` -- no mention of off-frequency

Terry Krueger, Niceville FL, last December: ``1320 NORTH CAROLINA WCOG Greensboro 0918 12/1/21 Average White Band, Stray Cats, Elton John, Kim Carnes. Parallel station stream. Seemingly back on frequency after hovering around 1319.73 for awhile, though I never got any audio out of it down here then.``

TLK from May 2021: ``1319.719 NORTH CAROLINA WCOG Greensboro. 1020 5/9/21 Per D. Crawford tip, he who gets audio from his NC on almost GA border home, but just a big het against WENN here.``

Les Rayburn, Maylene AL, on NRC-AM, 0127 UT Friday, May 7, 2021: ``Hoping someone can get to the bottom of this mystery. First there was the appearance of the cryptic "Tone From 1320 Kilohertz" with a heterodyne appearing every night at SSS weeks ago.

After checking weeks of recordings, we were able to determine that the station was most likely in the Southeastern United States and the

result of a domestic station that was slightly off-frequency, not a TA signal.

WCOG has been identified as a possible suspect…but nothing definitive yet. Any idea on who these stations might be? 73, Les Rayburn, N1LF 121 Mayfair Park, Maylene, AL 35114, EM63nf``

I replied with my then latest log he was unaware of:
``** U S A. 1319.720, March 30 at 0322 UT, MW bandscan encounters another intriguing way-off-frequency het like 1540+. Wavers slightly and can`t make out any mod; loops E-W-ish vs some sports station, and vs Black Information Network, new identity of KXYZ Houston. OK`s KCLI Clinton has been slightly off-frequency for ages but not this much.
Aha, mwoffsets has a recent answer:
`` 1319.717 WCOG r:WTOB (Greensboro, NC) 2021-03-16``
Does r:WTOB mean it relays that 980 station in Winston Salem, also the address of WCOG? It`s U4 5/5 kW; night pattern supposed to go SE, day pattern SW (Glenn Hauser, OK, WOR)``

To Les: ``Were you aware of the MWOffsets listing or do you not consider it certain? I also relogged the carrier several times very close to .717 but never had any audio. The DF seemed to fit. Now it has a later log: 1320 1319,7160 USA WCOG r:WTOB (Greensboro, NC) [-1319.717] 2021-04-07. 73, Glenn Hauser, OK``

My later logs from 2021y: ``** U S A. 1319.715, April 5 at 0504 UT, detectable het from WCOG still here (Glenn Hauser, OK, WOR)``

``** U S A. 1319.718, April 2 at 0252 UT, tell-tale het as previously IDed from way off-frequency WCOG, Greensboro NC. This has been going on over two weeks; how much longer? (Glenn Hauser, OK, WOR)``

``** U S A. 1319.717, April 3 at 0145 UT, KLWN ID on 1320.00 with het from here by the AM/SSB pitch match method, so still WCOG Greensboro NC (Glenn Hauser, OK, WOR)``

Nothing about off-frequency in TLK`s log 5 years before:

``1320 NORTH CAROLINA WCOG, Greensboro. 0810 April 3, 2016. Trading off with WENN often, ESPN Radio, local liners mentioning 102.9 (I think) FM, and at 0917, "... 1320 WCOG and at 1320WCOG-dot-com" and back to ESPN Radio audio. Website not showing an FM simulcast listing.``

In 2007y, WCOG was a Radio Disney station, contracted until 2011y.

Current mwoffset entry as of Oct 21, 2022: ``1319,7160 WCOG r:WTOB (Greensboro, NC) [-1319.717 range] 2021-04-07`` (Glenn Hauser, OK, WOR)

** VANUATU. 7260, Oct 20 at 0618, RV is JBA (Glenn Hauser, OK, WOR)

** VANUATU. 7260, Oct 21 at 0650, no signal from R. Vanuatu; nor on 11835 at 0703. Also checked previous spots with nothing: 7890, 7932, 8620, 11898. They`re gone again (Glenn Hauser, OK, WOR)

** VANUATU. 7260, Oct 22 at 0617, for the second night, no signal from RV. Zzz, unsearched after 0700 (Glenn Hauser, OK, WOR)

** VANUATU. 7260, Oct 23 at 0658, no signal from R. Vanuatu; nor 11835 after 0700 (Glenn Hauser, OK, WOR)

** VANUATU. 7260, Oct 25 at 0657, RV is back, in Bislama talk; had been missing since Oct 20. It`s almost QSY time, so I tune to 11834 USB waiting for it to pop on 11835 --- but never heard well past 0700. Then I check 7890 and 0701 there it is while 7260 is off. So the second harmonic of 3945 is propagating, but not the third.

Later, Lúcio Otávio Bobrowiec in SP reports to the WOR iog: ``Hi all, R. Vanuatu on 7890 and 11835 at 0841, 25/10 poor signal, male talks. 11835 better here. 73 Lucio Brazil``

And this: ``Manuel Méndez, Lugo, Spain, Logs in Friol, NW of Spain, Tecsun PL-880, cable antenna, 8 meters: 7260, Radio Vanuatu, Port Vila, 0630-0659*, 25-10, extremely weak today, unreadable comments by male and female, songs. Heard from 0630 when closed VoA with French program on 7265. 11835 (3rd harmonic of 3945), 0732-0821, 25-10, comments, male, female, songs. 15321`` (Glenn Hauser, OK, WOR)

** VANUATU. 7260, Oct 26 at 0615, JBA signal from R. Vanuatu. Gary Pence reports later same date: ``0829z, Radio Vanuatu broadcasting in Bislama copied better on the lower frequencies at this time into KFS Southwest Antenna H.M.Bay, CA: 3945 - S9+5db, 7890 - S8, S9, 11835 - S5`` (Glenn Hauser, OK, WOR)

UNIDENTIFIED. Trans-Atlantic JBA MW carriers, Oct 22 at 0630 after logging Kiritimati on 846: 855-2 sigs beating, much stronger than 846; 1044, 1107-2, 1152, 1215-2, 837, 774-2, 711, 684, 612: at this late hour all likely Spain, except: 1215 or UK; 837 Canary; 711 & 612 Morocco (Glenn Hauser, OK, WOR)

UNIDENTIFIED. Trans-Atlantic JBA MW carrier search, Oct 25 at 0218+; with likely sources from listings based on power, longitude: note, I am making no claims, not counting countries or anything, but FYI. 855-2 Spain; 891 Algeria; 999 Spain; 1215-2 UK, Spain; 1413 superpower Pridnestrovye or Oman; or Spain (Glenn Hauser, OK, WOR)

UNIDENTIFIED. Trans-Atlantic JBA MW carrier search, Oct 25 at 0612: 621 Canary; 684 Spain; 711 Morocco; 774-2 Spain; 801 Spain; 837 Canary/Spain; 846 TP Kiritimati; 882 Canary/Spain/Wales; 981 Algeria (Glenn Hauser, OK, WOR)

UNIDENTIFIED. Trans-Atlantic JBA MW carrier search, Oct 26 at 0635-0639 with likely sources, Spain u.o.s.: 612 Morocco, 639, 657, 711 Morocco, 747-2 Canary/Spain, 774-2, 837-3 Canary/Spain, 846 TP Kiritimati, 855, 1044, 1107 (Glenn Hauser, OK, WOR)

UNIDENTIFIED. 1130 kHz, Oct 20 at 0642 UT, `C2CAM` under illegal KLEY rock music from KS; normally would be KWKH, but all-sports, right? NRC AM Log shows two biggies with C2CAM: KTLK Minneapolis, and WISN Milwaukee, both of which are supposed to go all-north at night; yeah, right (Glenn Hauser, OK, WOR)

UNIDENTIFIED. 5080, Oct 20 at 0614, S7/S9 open carrier; no broadcasters known; ute? 5085 WTWW off now, of course (Glenn Hauser, OK, WOR)

UNIDENTIFIED. 15450, Oct 21 at 1420, S7/S9 of dead air or maybe just barely modulation, past 1430 and 1453+. Per EiBi only thing scheduled is R. Liberty, Tajik at 1400-1600 via Lampertheim, GERMANY. Is this USAGM site known to lose modulation? Less likely, Turkey`s English not turned off after 1328; but only one signal now (Glenn Hauser, OK, WOR)